



# THE ASSAM GAZETTE

অসাধাৰণ

EXTRAORDINARY

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GOVERNMENT OF ASSAM  
ORDERS BY THE GOVERNOR  
PANCHAYAT AND RURAL DEVELOPMENT (C) DEPARTMENT

## NOTIFICATION

The 20th February, 2020

**No. RDD.122/2019/37.-** Pursuant to approval of the Hon'ble State Cabinet in its meeting held on 12<sup>th</sup> February, 2020, the Governor of Assam is pleased to notify the Guidelines for implementation of the Scheme "Providing Solar Home Kits to PMAY-G Households" under SoPD under Panchayat and Rural Development Department, Govt. of Assam as below :-

### GUIDELINES FOR PROVIDING SOLAR HOME KITS TO PMAY-G HOUSEHOLD

#### 1. AIM AND OBJECTIVE:

Pradhan Mantri Awaas Yojana – Gramin (PMAY-G) aims at providing a pucca house with basic amenities to all houseless households and those households living in kutcha and dilapidated houses by 2022.

As per the guidelines, free electricity connection to the PMAY-G beneficiaries should be attempted under various programmes through convergence. Electricity connection is one of the basic amenities for any poor

household. It can affect poverty in many ways. For example indirect benefit at the household level like improvement of education for children as lighting enable them to study at home, entertainment, health, comfort and protection from others. In present days context electricity for home light, mobile charging and use of essential electronic gadgets is very essential.

As the PMAY-G beneficiaries are from rural areas and some of the beneficiaries reside in remote areas, solar light system will provide security and illumination in such needed areas. In these areas grid power is also not available or costly. So we can promote solar light as an alternative to grid power and showcase the green initiative. It is also cost effective solution for providing alternative way of electricity and the installation cost is also less than the grid power connection.

**2. TARGET:**

Panchayat and Rural Development Department, Assam has proposed a target of providing Solar Home kit to 2,60,000 nos of PMAY-G beneficiaries. However, the budget provision for this year to provide solar kit to PMAY-G beneficiaries is only Rs. 5000.00 lakh (Rupees fifty crore only). With this amount we can cover only 25,000 nos out of 2,60,000 nos. beneficiaries. So the beneficiaries will be prioritized and left out beneficiaries will be covered in the subsequent years providing necessary budget allocation.

**3. TIME LINE OF THE PROJECT:**

The total number of household where Solar Home kits have to be installed is

25,000 for the current year. The installation process will take place in different district simultaneously across the state. It is expected that the installation process can be completed within 4(four) months from the starting process, if all the support services is ensured in a seamless manner.

**4. THE PROCESS OF PROCUREMENT:**

Panchayat and Rural Development Department will float tender to empanel the vendors and complete the installation of the Solar Lamp Home kits covering the huge target of 25,000 nos. of households within the timeline.

**5. BENEFICIARY SELECTION:**

Panchayat and Rural Development Department, Assam follows the guidelines fixed by the Government of India and identification and selection of beneficiaries of PMAY-G is done based on the housing deficiency and other social deprivation parameters in SECC-2011 data, and verified by the Gram Sabha. Ministry of Rural Development, Government of India gives year wise sanction of PMAY-G for the State.

The details is as below:-

Year	Sanction
2016-17	2,19,695
2017-18	40,119
2018-19	Nil
2019-20	2,00,000



In Assam, the construction of PMAY-G houses has been completed upto the targeted Year of 2017-18 and for 2019-20, construction is going on. So, all the PMAY-G households whose houses have been completed will be the beneficiaries under this initiative of the Government. However, for a target of 25,000 nos. of beneficiaries, for this year beneficiaries will be prioritized covering all districts, all Development Blocks and all Gaon Panchayats as far as practicable. The Commissioner, Panchayat and Rural Development, Assam will make necessary break-up for district as well as Gaon Panchayat to achieve the target of 25,000 beneficiaries. The beneficiaries at Gaon Panchayat level will be selected and approved by Gaon Sabha.

However, migratory/floating population and villages/hamlets that have already been electrified through Standalone Solar PV Systems under Decentralized Distributed Generation (DDG) program and SAUBHAGYA scheme are to be excluded.

**6. COMPONENT OF A SOLAR LAMP CONNECTION IN EACH HOUSEHOLD:**

Panchayat and Rural Development Department, Assam will ensure the installation, testing and commissioning of Solar light for Home Light System in the selected PMAY-G household.

The following are the specifications of a Home Light System and other accessories to be provided to each PMAY-G beneficiary under this Scheme:

- i) PV module 100W (Solar plate) - 1 no.

ii)	Battery 12.8 Volt – 50AH (LiFePO4)	- 1 no.
iii)	Solar Charge Controller – 10A, 12V	- 1 no.
iv)	LED Bulb (7W)	- 3 nos.
v)	USB cable for phone charging (5W)	- 1 no.
vi)	AC/DC cable & accessories as per site	- 1 no.

requirement with good earthing (at least

one fan point, 3 bulb point with holders and power plug).

The vendor/firm supplying the Solar Home Light System will ensure replacement warrantee for (1) PV module – 25 years, (2) Battery – 5 years and (3) Charge Controller – 5 years. The vendor/firm will also ensure/bear the maintenance cost for 5(five) years starting from the date of installation. Maintenance cost means 20% amount from the final bill will be deducted after the installation of Solar Home Light System. This 20% amount will be given to the vendor/firm at the end of every year @ 4% per year provided Solar Home Light System is functioning in good condition.

**7. ESTIMATED COST OF SOLAR LAMP CONNECTION IN EACH HOUSEHOLD:**

The unit cost of Solar light for Home Light System for one PMAY-G household including transportation of the system, installation, testing and commissioning in the selected PMAY-G household is fixed at Rs. 20,000/-

**8. TOTAL SCHEME COST:**

As per the budget provision under SoPD, Government of Assam has earmarked an amount of Rs. 5000.00 lakh for providing Solar lamp at PMAY-G households.

**9. IMPACT OF THE PROJECT:**

Government of Assam targets for universal electrification by providing electricity through Solar Home kit to all households under PMAY-G across the State. The Solar Home kit/packs of 100W with battery bank for each beneficiary, comprises of 7 Watt LED lights, one DC fan and DC power plug. It also includes the Repair & Maintenance (R&M), replacement warranty for PV module, battery and charge controller.

There are many other benefits to choose Solar Home Lighting system, such as –

**GREEN ALTERNATIVE:** Solar lighting is a green alternative to traditional lighting using no power at all from the grid. Since the system are completely powered by solar energy, one of the world's leading renewable energy technology.

**LOW COST OF INSTALLATION:** Installation can be very low cost, sometimes much lower than trenching grid power to the location the light are required. All wiring are of low voltage, which makes it much safer for installation and maintenance.

**MAINTENANCE FREE:** The system is practically maintenance free, especially since the use of LED fixtures have become more popular with a 20+ year lifespan on LED lights.

**ZERO ENERGY BILL:** Finally, there is no electricity power bills associated with utilizing solar. The upfront costs of a commercial system can be intimidating, but the overall savings can easily be shown when compared to the above reasons.

The output expected from this initiative are as follow –

(a) Environmental up-gradation by substitution of fossil fuel for lighting purposes.



- (b) Improvement of education in the beneficiaries' households.
- (c) Better health of the members in the beneficiaries' households.
- (d) Enhance connectivity through radio, television, mobile phones etc.
- (e) Increase economic activities and jobs.
- (f) Improve quality of life, especially for women.

**10. MONITORING OF THE PROJECT:**

The Scheme will be monitored in the following format –

- (a) The Block Development Officer will provide the list of the beneficiaries for whom the Solar Home kit is to be provided to the selected vendor/vendors.
- (b) The vendor will arrange for delivery and installation of the Solar Home kit at the address of the beneficiary and intimate the Block Development Officer accordingly.
- (c) The Block Development Officer will divide and assign the houses to the Junior Engineers, GP Presidents and GP Secretaries for visit and inspection.
- (d) The Block Development Officer herself/himself will inspect at least 5% of the total houses within the Block jurisdiction.
- (e) The Block Development Officer will again divide and assign the houses to the GP Members/Accredited Engineers/Gaon Panchayats/Gram Rozgar Sahayaks, who will visit after 30 days of the installation, but before expiry of 45 days from the date of installation.

- (f) The Block Development Officer will accordingly submit the GP-wise compiled reports to the concerned Chief Executive Officer, Zilla Parishad/Project Director, DRDA.
- (g) The Chief Executive Officer, Zilla Parishad/Project Director, DRDA will submit the Block wise compiled reports to the Commissioner, Panchayat and Rural Development, Assam.
- (h) The Chief Executive Officer, Zilla Parishad/Project Director, DRDA will also visit at least 1% of the total beneficiary household within the jurisdiction.

**J. B. EKKA,**

Principal Secretary to the Government of Assam,  
Panchayat and Rural development Department.